

| Application No. | Applicant(s) |  |  |  |  |  |  |  |
|-----------------|--------------|--|--|--|--|--|--|--|
| 10/612,991      | SAEKI ET AL. |  |  |  |  |  |  |  |
| Examiner        | Art Unit     |  |  |  |  |  |  |  |
|                 | }            |  |  |  |  |  |  |  |
| Harry B. Tanner | 3744         |  |  |  |  |  |  |  |

|                             |                                     |     |     |                  | IS    | SUE C                             | LASSI                      | ICATIO                   | NC                         |                          |  |  |  |  |  |  |  |
|-----------------------------|-------------------------------------|-----|-----|------------------|-------|-----------------------------------|----------------------------|--------------------------|----------------------------|--------------------------|--|--|--|--|--|--|--|
| ORIGINAL                    |                                     |     |     |                  |       | CROSS REFERENCE(S)                |                            |                          |                            |                          |  |  |  |  |  |  |  |
| CLASS SUBCLASS              |                                     |     |     | SUBCLASS         | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) |                            |                          |                            |                          |  |  |  |  |  |  |  |
| 62 133                      |                                     |     | 62  | 228.3            |       |                                   |                            |                          |                            |                          |  |  |  |  |  |  |  |
| l)                          | VTER                                | NAT | ONA | L CLASSIFICATION |       |                                   |                            |                          |                            |                          |  |  |  |  |  |  |  |
| F                           | 2                                   | 5   | В   | 49/02            |       |                                   |                            |                          |                            |                          |  |  |  |  |  |  |  |
|                             |                                     |     |     | /                |       |                                   |                            |                          |                            |                          |  |  |  |  |  |  |  |
|                             |                                     |     |     | 1                |       |                                   |                            |                          |                            |                          |  |  |  |  |  |  |  |
|                             |                                     |     |     | 1                |       |                                   |                            |                          |                            |                          |  |  |  |  |  |  |  |
|                             |                                     |     |     | 1                |       |                                   |                            |                          |                            |                          |  |  |  |  |  |  |  |
| (Assistant Examiner) (Date) |                                     |     |     |                  | e)    | 4                                 | Hy be                      | ann                      |                            | Total Claims Allowed: 14 |  |  |  |  |  |  |  |
|                             | (Legal Instruments Examiner) (Date) |     |     |                  |       | ' <b>F</b><br><b>Pr</b><br>(Prir  | Harry B.7<br>imary Examine | anner<br>(aminer<br>) (D | O.G<br>Print Claim(s)<br>1 | O.G.<br>Print Fig.       |  |  |  |  |  |  |  |

| $\boxtimes$  | Claims renumbered in the same order as presented by applicant |   |       |          |          |       |          |   |       | □ СРА    |       |       | ☐ T.D.   |                                       |       | ☐ R.1.47 |          |       |          |
|--------------|---|---|-------|----------|----------|-------|----------|---|-------|----------|-------|-------|----------|---------------------------------------|-------|----------|----------|-------|----------|
| Final        | Original  |   | Final | Original |          | Final | Original |   | Final | Original |       | Final | Original |                                       | Final | Original |          | Final | Original |
|              | 1   |   |       | 31       |          |       | 61       |   |       | 91       |       |       | 121      |                                       |       | 151      |          |       | 181      |
|              | 2   |   |       | 32       |          |       | 62       |   |       | 92       |       |       | 122      |                                       |       | 152      |          |       | 182      |
|              | 3   |   |       | 33       |          |       | 63       |   |       | 93       |       |       | 123      |                                       |       | 153      |          |       | 183      |
|              | 4   | , i i i i i i i i i i i i i i i i i i i |       | 34       |          |       | 64       |   |       | 94       |       |       | 124      |                                       |       | 154      |          |       | 184      |
|              | 5   |   |       | 35       |          |       | 65       |   |       | 95       |       |       | 125      |                                       |       | 155      |          |       | 185      |
| <u></u>      | 6   |   |       | 36       |          |       | 66       |   |       | 96       |       |       | 126      |                                       |       | 156      |          |       | 186      |
|              | 7   |   |       | 37       |          |       | 67       |   |       | 97       |       |       | 127      |                                       |       | 157      |          |       | 187      |
| <u>L</u> . i | 8   |   |       | 38       |          |       | 68       |   |       | 98       |       |       | 128      |                                       |       | 158      |          |       | 188      |
|              | 9   |   |       | 39       |          |       | 69       |   |       | 99       |       |       | 129      |                                       |       | 159      |          |       | 189      |
|              | 10  |   |       | 40       |          |       | 70       |   |       | 100      |       |       | 130      |                                       |       | 160      |          |       | 190      |
|              | 11  |   |       | 41       |          |       | 71       |   |       | 101      |       |       | 131      |                                       |       | 161      |          |       | 191      |
|              | 12  |   |       | 42       |          |       | 72       |   |       | 102      |       |       | 132      |                                       |       | 162      |          |       | 192      |
|              | 13  |   |       | 43       |          |       | 73       |   |       | 103      |       |       | 133      |                                       |       | 163      |          |       | 193      |
|              | 14  |   |       | 44       |          |       | 74       |   |       | 104      |       |       | 134      |                                       |       | 164      |          |       | 194      |
|              | 15  |   |       | 45       |          |       | 75       |   |       | 105      |       |       | 135      |                                       |       | 165      |          |       | 195      |
|              | 16  |   |       | 46       |          |       | 76       |   |       | 106      |       |       | 136      |                                       |       | 166      |          |       | 196      |
|              | 17  |   |       | 47       |          |       | 77       |   |       | 107      |       |       | 137      |                                       |       | 167      |          |       | 197      |
|              | 18  |   |       | 48       |          |       | 78       |   |       | 108      |       |       | 138      |                                       |       | 168      |          |       | 198      |
|              | 19  |   |       | 49       |          |       | 79       |   |       | 109      |       |       | 139      |                                       |       | 169      |          |       | 199      |
|              | 20  |   |       | 50       |          |       | 80       |   |       | 110      |       |       | 140      |                                       |       | 170      |          |       | 200      |
|              | 21  |   |       | 51       |          |       | 81       |   |       | 111      |       |       | 141      |                                       |       | 171      |          |       | 201      |
|              | 22  |   |       | 52       |          |       | 82       |   |       | 112      |       |       | 142      |                                       |       | 172      |          |       | 202      |
|              | 23  |   |       | 53       |          |       | 83       |   |       | 113      |       |       | 143      |                                       |       | 173      | 1        |       | 203      |
|              | 24  |   |       | 54       |          |       | 84       |   |       | 114      |       |       | 144      |                                       |       | 174      |          |       | 204      |
|              | 25  |   |       | 55       |          |       | 85       |   |       | 115      |       |       | 145      |                                       |       | 175      |          |       | 205      |
|              | 26  |   |       | 56       | <b>.</b> |       | 86       | [ |       | 116      |       |       | 146      | · · · · · · · · · · · · · · · · · · · |       | 176      | 1        |       | 206      |
|              | 27  |   |       | 57       |          |       | 87       |   |       | 117      |       |       | 147      |                                       |       | 177      |          |       | 207      |
|              | 28  |   |       | 58       |          |       | 88       |   |       | 118      | [<br> |       | 148      |                                       |       | 178      |          |       | 208      |
|              | 29  |   |       | 59       |          |       | 89       |   |       | 119      | -     |       | 149      |                                       |       | 179      | <b>.</b> |       | 209      |
|              | 30  |   |       | 60       |          |       | 90       |   |       | 120      |       |       | 150      |                                       |       | 180      | <u></u>  |       | 210      |